

**UNITED STATES PATENT APPLICATION TRANSMITTAL FORM**

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Alexandria, VA 22313-1450  
Attention: DO/EO/US

Docket No.: 377.8168USU

Customer No.: 27623

Dear Sir:

Transmitted herewith for filing is the patent application of

Applicant(s): Robert ASHE and David MORRIS  
For: REDUCED VOLUME HEAT EXCHANGERS  
International Application No.: PCT/EP2003/008942  
International Filing Date: <sup>08 August 3</sup>  
~~26 February 2004~~

**ENTERING OF U.S. NATIONAL STAGE UNDER 35 U.S.C. §371**

Transmitted herewith for filing are the following documents submitted under 37 C.F.R. §1.495(b) for the purpose of entering the national stage in the United States of America as an elected office. Enclosed are:

XXXX Specification (34 pps.) consisting of: Description (27 pps.); Claims (7 pps.) and Abstract (0 page);

XXXX Declaration and Power of Attorney;

XXXX 11 sheet of drawings;

XXXX Preliminary Amendment;

XXXX An Assignment of the invention to: ASHE MORRIS LTD, including \$40.00 recordation fee and recordation cover sheet;

       Information Disclosure Statement with copies of patent(s) (Form - PTO-1449);

XXXX The undersigned attorney has verified that the applicant is entitled to a Small Entity Status;

**XXXX** Priority of application Serial No. **0218442.2** filed on **9 August 2002** in **Great Britain** and **0219372.0** filed on **20 August 2002** in **Great Britain** and **0220159.8** filed on **30 August 2002** in **Great Britain** and **PCT/EP2003/008942** filed on **8 August 2003** is claimed under 35 U.S.C. §119 and 35 U.S.C. §365;

**XXXX** Cover page of published PCT Publication No. **WO 2004/017007**;

\_\_\_\_\_ Copy of International Preliminary Examination dated \_\_\_\_\_;

\_\_\_\_\_ Copy of PCT Demand Under Article 31; and

\_\_\_\_\_ Copy of International Search Report dated \_\_\_\_\_

\_\_\_\_\_ Copy of Written Opinion.

\_\_\_\_\_ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith.

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$300.00
Total Claims	15 - 20 =	0	x \$50.00	\$
Independent Claims	2 - 3 =	0	x \$200.00	\$
Multiple Dependent Claim Fee			x \$360.00 = \$0.00	
SEARCH FEE			\$500.00	
EXAMINATION FEE			\$200.00	
NATIONAL STAGE APPLICATION SIZE FEE (\$250 FOR EACH ADDITIONAL 50 SHEETS OVER 100 SHEETS)			\$	
TOTAL FILING FEE			\$1,000.00	
1/2 FILING FEE FOR SMALL ENTITY			\$500.00	

**XXX** Firm's check in the amount of \$ 540.00 to cover the filing fee (\$500 - small entity) and assignment recordal fee (\$40);

**XXX** The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

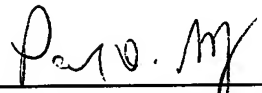
**XXX** Postcard.

10/522974

DT05 Rec'd PCT/PTO 01 FEB 2005

Address all future communications to: **Paul D. Greeley**  
**Ohlandt, Greeley, Ruggiero & Perle, L.L.P.**  
**One Landmark Square, 10th Floor**  
**Stamford, Connecticut 06901-2682**  
**U.S.A.**

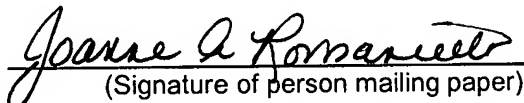
Dated: February 1, 2005

  
\_\_\_\_\_  
Paul D. Greeley, Esq.  
Registration No. 31,019  
Attorney for Applicant(s).  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
Telephone: (203) 327-4500  
Telefax: (203) 327-6401

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EV509713078US**, service under 37 CFR §1.10 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attn: DO/EO/US on February 1, 2005.

Joanne A. Romaniello  
(Typed name of person mailing paper)

  
\_\_\_\_\_  
(Signature of person mailing paper)